CLAIMS

1. A wireless communications device, comprising:

a body having a first edge and a second edge, the second edge being substantially opposite the first edge;

an antenna, the antenna driven by an RF feed that is located in the area of the first edge; and

a flip cover, the flip cover comprising a conductive portion, wherein the conductive portion is electrically connected to ground within the body substantially in the area of the second edge.

2. The wireless communications device according to claim 1, further comprising a conductive body portion, the conductive body portion covering at least a portion of the body, wherein the conductive body portion is electrically connected to ground substantially in the area of the first edge.

3. The wireless communications device according to claim 1, wherein the body further comprises an RF PC board, wherein ground currents from the RF PC board are electrically connected to ground substantially in the area of the first edge.

4. The wireless communications device according to claim 1, wherein the body further comprises at least one of a frame, at least one shield, a battery, at least one battery contact, a battery cover and a combination of these, wherein the at least one of the frame, the at least one shield, the battery, the at least one battery contact, the battery cover and the combination of these are electrically connected to ground in the area of the first edge.

5. The wireless communications device according to claim 1, wherein the flip cover comprises flip cover electronic circuits.

6. The wireless communications device according to claim 5, further comprising a flip cover power feed for supplying power to the flip cover electronic circuits, wherein the flip cover power feed is electrically connected to power within the body near the second edge.

7. A wireless communications device, comprising:

a body, wherein the body comprises a conductive body portion;

an antenna cavity located on a surface of the body;

an antenna, the antenna physically mounted to the body at a point near the antenna cavity, wherein the antenna is able to be retracted into the antenna cavity and extended away from the antenna cavity; and

a dielectric substrate, the dielectric substrate mounted in proximity to the antenna cavity such that a resonant frequency of the antenna is substantially maintained when the antenna is retracted into the antenna cavity and when the antenna is extended from the antenna cavity.

8. The wireless communications device according to claim 7, wherein the body has a first edge and a second edge, the second edge being substantially opposite the first edge, and wherein the antenna is driven by an RF feed that is located in the area of the first edge, the wireless communications device further comprising a flip cover, the flip cover comprising a conductive portion, wherein the conductive portion is electrically connected to ground within the body substantially in the area of the second edge.

9. The wireless communications device according to claim 8, wherein the conductive body portion is electrically connected to ground within the body substantially in the area of the first edge.

10. The wireless communications device according to claim 8, wherein the body further comprises an RF PC board, wherein ground currents from the RF PC board are electrically connected to ground substantially in the area of the first edge.

11. The wireless communications device according to claim 8, wherein the body further comprises at least one of a frame, at least one shield, a battery, at least one battery contact, a battery cover and a combination of these, wherein the at least one of the frame, the at least one shield, the battery, the at least one battery contact, the battery cover and the combination of these are connected to ground in the area of the first edge.

12. The wireless communications device according to claim 8, wherein the flip cover comprises flip cover electronic circuits.

13. The wireless communications device according to claim 12, further comprising a flip cover power feed for conducting power to the flip cover electronics, wherein the flip cover power feed is electrically connected to power within the body near the second edge.

14. A wireless communications device, comprising:

a body, wherein the body comprises a conductive body portion, wherein the body has a first edge and a second edge, the second edge substantially opposite the first edge, and wherein the antenna is driven by an RF feed that is located in the area of the first edge;

an antenna cavity located on a surface of the body;

an antenna, the antenna physically mounted to the body at a point near the antenna cavity, wherein the antenna is able to be retracted into the antenna cavity and extended away from the antenna cavity;

a dielectric substrate, the dielectric substrate mounted in proximity to the antenna cavity such that a resonant frequency of the antenna is substantially maintained when the antenna is retracted into the antenna cavity and when the antenna is extended from the antenna cavity; and

a flip cover, the flip cover comprising a conductive portion, wherein the conductive portion is electrically connected to ground within the body substantially in the area of the second edge.